Sanitation Systems

This part of the Compendium explains in detail how the system templates are read and used, and includes a presentation of the different templates. It describes what the main considerations are, and what type of applications each system template is appropriate for.

A system template defines a suite of compatible technology combinations from which a system can be designed. This Compendium includes nine different system templates which range from simple (with few technology choices and products) to complex (with multiple technology choices and products).

Each system template is distinct in terms of the characteristics and the number of products generated and processed. The system templates present logical combinations of technologies, but the planner must not lose a rational engineering perspective. It must also be noted that although this Compendium is thorough, it is not an exhaustive list of technologies and/ or associated systems.

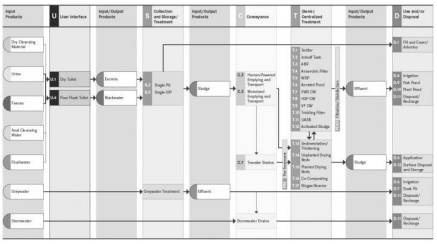
Although the system templates are predefined, the Compendium user must select the appropriate technology from the options presented. The choice is context specific and should be made based on the local environment (temperature, rainfall, etc.), culture (sitters, squatters, washers, wipers, etc.) and resources (human, financial and material).

العربية (/ar/sanitation-systems/sanitation-systems)

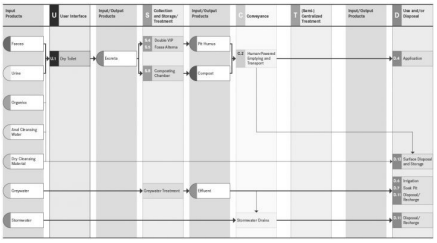
Sections

Sanitation Systems

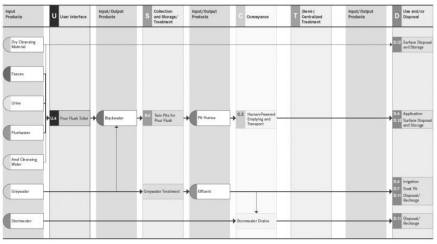
Sanitation Systems



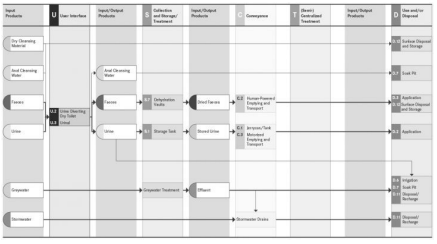
(/sanitation-systems/sanitation-systems/system-1:-single-pit-system)
System 1: Single Pit System



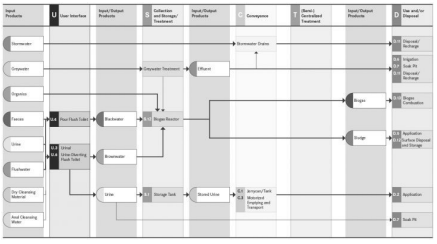
(/sanitation-systems/sanitation-systems/system-2:-waterless-pit-system-without-sludge-production)
System 2: Waterless Pit System without Sludge Production



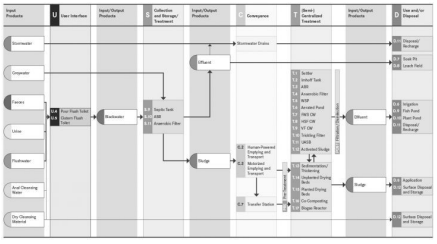
(/sanitation-systems/sanitation-systems/system-3:-pour-flush-pit-system-without-sludge-production)
System 3: Pour Flush Pit System without Sludge Production



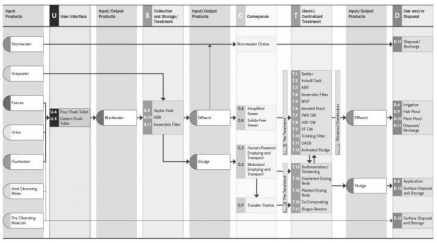
(/sanitation-systems/sanitation-systems/system-4:-waterless-system-with-urine-diversion)
System 4: Waterless System with Urine Diversion



(/sanitation-systems/sanitation-systems/system-5:-biogas-system)
System 5: Biogas System

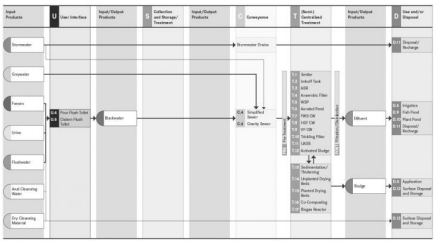


(/sanitation-systems/sanitation-systems/system-6:-blackwater-treatment-system-with-infiltration)
System 6: Blackwater Treatment System with Infiltration



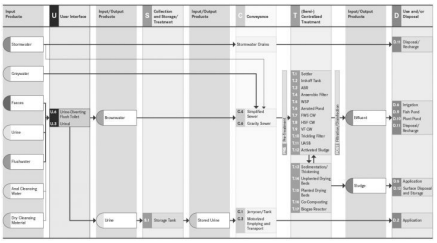
(/sanitation-systems/sanitation-systems/system-7:-blackwater-treatment-system-with-effluent-transport)

System 7: Blackwater Treatment System with Effluent Transport



(/sanitation-systems/sanitation-systems/system-8:-blackwater-transport-to-(semi-)-centralized-treatment-system)

System 8: Blackwater Transport to (Semi-) Centralized Treatment System



(/sanitation-systems/sanitation-systems/system-9:-sewerage-system-with-urine-diversion)

System 9: Sewerage System with Urine Diversion